

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
12 February 2004 (12.02.2004)

PCT

(10) International Publication Number
WO 2004/012760 A1

- (51) International Patent Classification⁷: A61K 38/30, (74) Agent: BALDWIN SHELSTON WATERS; P O Box A61P 19/08, 19/10 5999, Wellesley Street, 1000 Auckland (NZ).
- (21) International Application Number: PCT/NZ2003/000168 (81) Designated States (*national*): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO (utility model), CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR (utility model), KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT (utility model), PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 31 July 2003 (31.07.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/400,443 1 August 2002 (01.08.2002) US
- (71) Applicant (*for all designated States except US*): AUCKLAND UNISERVICES LIMITED [NZ/NZ]; 70 Symonds Street, 1000 AUCKLAND (NZ).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): CORNISH, Jillian [NZ/NZ]; 23 Joseph Banks Terrace, Newmarket, Auckland (NZ). REID, Ian, Reginald [NZ/NZ]; 7 Maybeck Road, Mount Albert, Auckland (NZ). COOPER, Garth, James, Smith [NZ/NZ]; 2 Crummer Road, Ponsonby, Auckland (NZ). BUCHANAN, Christina, Maree [NZ/NZ]; 15 Crescent Road West, Palm Beach, Waiheke, Auckland (NZ).

- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2004/012760 A1

(54) Title: PREPTIN METHODS OF USE

(57) Abstract: This invention features a method for treating a bone condition in a patient, e.g., a mammal, a human, a horse, a dog, or a cat. The method includes administering an effective amount of preptin, preptin analog, or a preptin agonist to the patient.